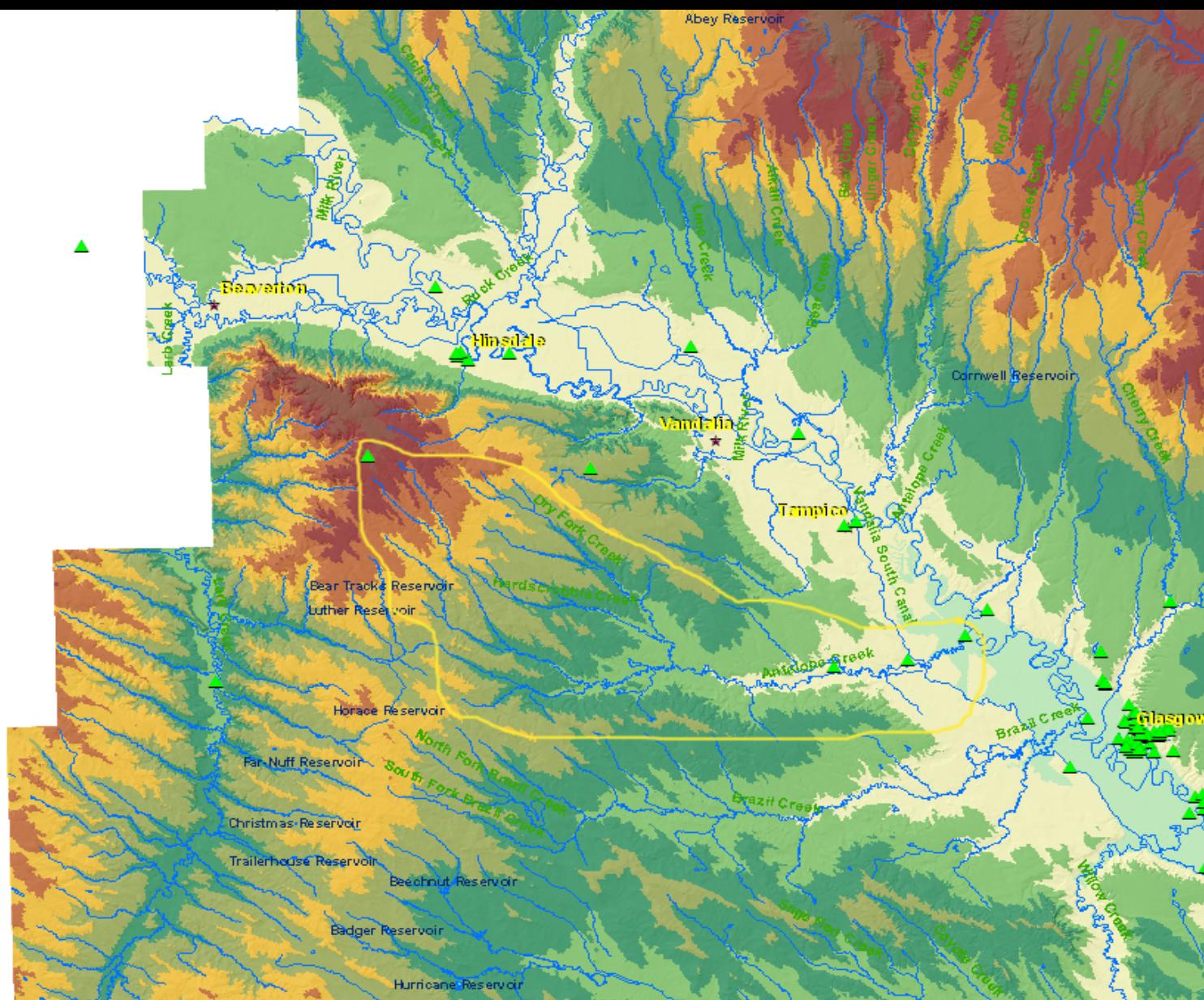




GLASGOW FLOOD OF JUNE 16 2007

Gregory Forrester
National Weather Service
Glasgow, MT

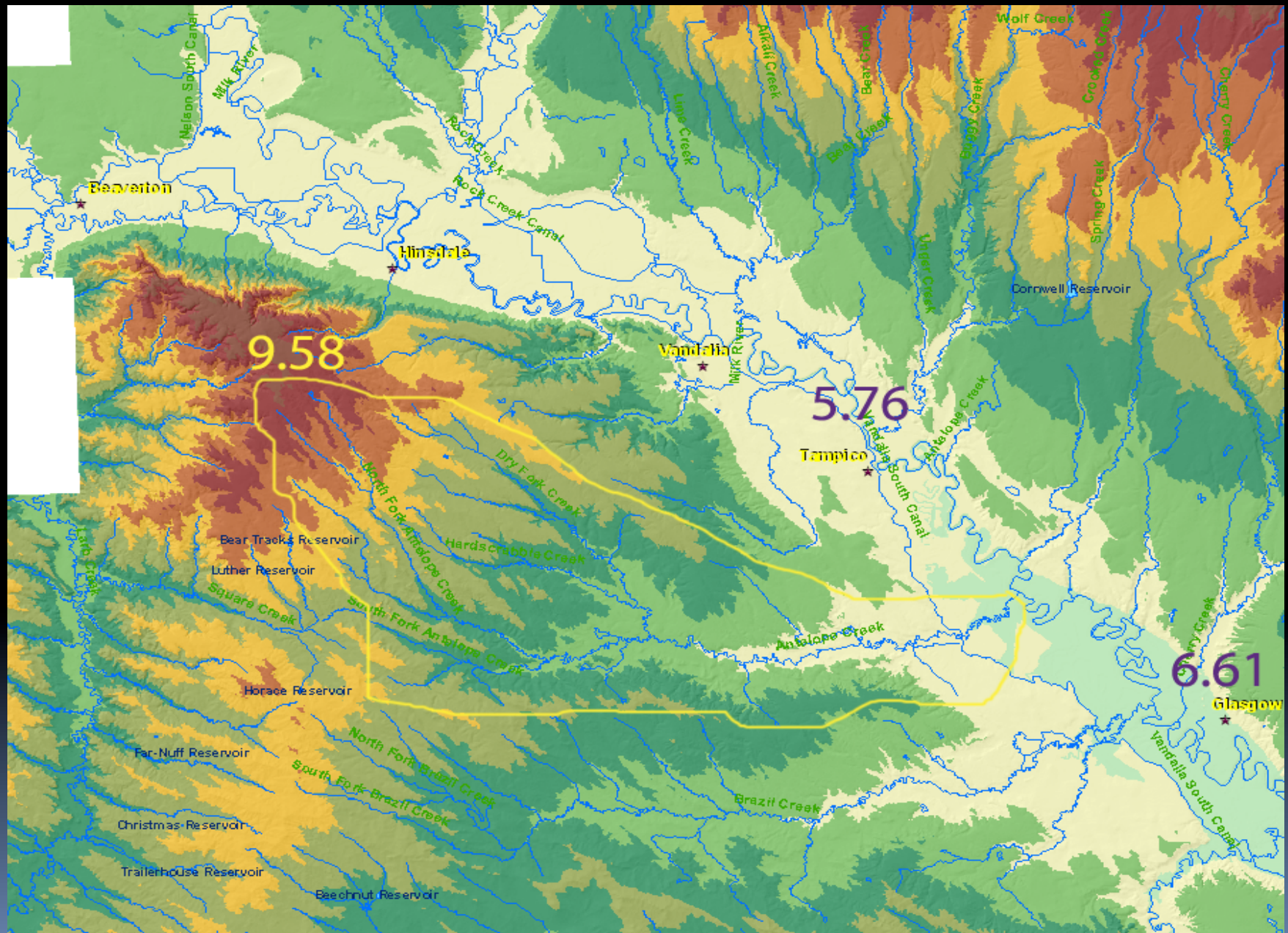






Heavy Rain in May 2007

- Hinsdale 4SW 9.58 inches
 - Glasgow 14NW 5.76 inches
 - Glasgow WFO 6.61 inches
- 






Recent Floods

- March 2004
- June 6 2005 *
- June 17 2005 *
- May 31 2007
- June 16 2007 *
- May 24 2010

- * Flash Floods



June 16 2007

- Supercell moves through Eastern Montana affecting the Glasgow area with large hail and heavy rain.
- 

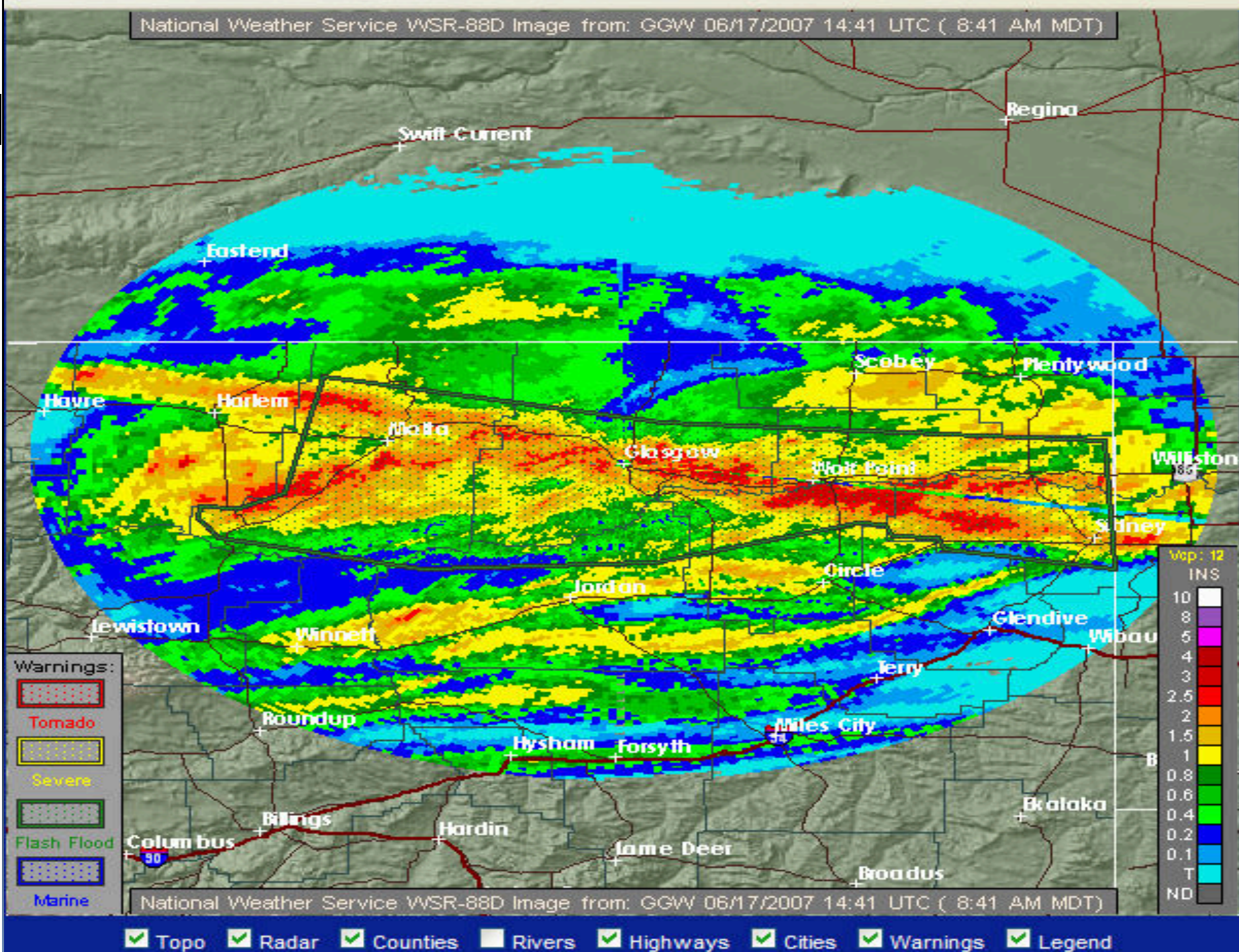




June 16 Rainfall

- Hinsdale 4SW 2.62 inches
 - Glasgow 14NW 1.14 inches
 - Glasgow WFO 2.55 inches
- 

National Weather Service WSR-88D Image from: GWV 06/17/2007 14:41 UTC (8:41 AM MDT)




AQUA MODIS 2007-06-20 2031-2039 UTC Bands 010403: Billings MT

SSEC





Glasgow June 16 Rainfall

- 1.09 inches in 18 minutes between 5:58 and 6:16 pm.
 - Hail up to 3 inches in diameter clogged storm drains
 - Flash flooding in several low spots in town.
 - Flash flooding on Antelope Creek west of town.
- 










June 16 Rainfall

- Additional 1.4 inches of rain fell between 10:15 pm and 10:45 pm.
 - No hail in Glasgow area.
 - No new flooding in Glasgow.
 - Added to flooding of Antelope Creek.
- 





















Things to Consider

- Remind forecasters to consider a flash flood warnings in this area if rain exceeds 1 inch in an hour .
- Consider a small stream flood warning if a long duration rain exceeds 2 inches.
- Large amounts of hail will increase the likelihood of flooding in urban area.



Questions?